

RCI Conekt PCR-620L & PCR-640L

125kHz standard security keypad readers









PCR-620L mullion



PCR-640L

RCI Conekt PCR-620L & PCR-640L 125kHz mobile ready keypad reader

A mobile smartphone access control ID solution. Based upon the proven LEGIC® contactless digital radio frequency identification (RFID) platform, RCI Conekt readers interface with a wide range of electronic access control systems by complying with either the legacy Wiegand or the latest bi-directional Open Supervised Device Protocol (OSDP). They offer value-add features such as MAXSecure™, and can be ordered to support several proximity card and tag technologies. In addition to traditional proximity credentials, such as clamshell cards and key tags, the platform also offers the option of mobile access credentials loaded on Bluetooth Low Energy (BLE)-enabled smartphones. This allows the smartphone to function as a contactless electronic access control credential.

 <p>Bluetooth Low Energy Supporting RCI Conekt or Switch™ Tech Smartphone Mobile Credentials</p>	 <p>Proximity Supports 125-kHz cards and tags</p>	 <p>MAXSecure™ Unique Security Feature</p>	 <p>ETL Listed Independently Tested and Certified (Wiegand models) Conform to UL Standard 294 and ULC 60839-11-1</p>
 <p>Warranty Lifetime Warranty</p>	 <p>Wiegand or OSDP Output Interface</p>	 <p>Mullion Mount (PCR-620L) Metal Door, Window Frames & Flat Surfaces</p>	 <p>U.S. Single-Gang Wall-Box Mount (PCR-640L) Box & Flat Surfaces</p>
 <p>Frequency: 125 kHz and 2.4 GHz Read Range: Physical Credentials: Up to 4 inches (102 mm) Mobile Credentials: Up to 15 feet (4.6 m)</p>			

Specifications

PCR 620L & PCR640L Mobile-Ready Keypad and reader

Models	PCR-620L Mullion-Mount Mobile-Ready Proximity Reader and Keypad PCR-640L Single-Gang Wall Switch Box Mount Mobile-Ready Proximity Reader and Keypad
Technology	Proximity and Bluetooth Low Energy (BLE)
Frequency	125 kHz (proximity) and 2.4 GHz (BLE)
Mounting	PCR-620L: Mullions, including metal door and window frames, as well as flat surfaces PCR-640L: Single-gang wall box, as well as flat surfaces
Dimensions	PCR-620L: 1.78" W x 6.1" H x 0.91" D (45 mm x 155 mm x 23 mm) PCR-640L: 3" W x 4.6" H x 0.75" D (76 mm x 117 mm x 19 mm)
Certifications	FCC, ICC, CE, UL Standard 294, ULC 60839-11-1
IP Code	IP67
Voltage	+8 to 14 VDC
Current Draw	60 mA typical, 90 mA peak @ 12 VDC
Read Range	Physical Credentials: Up to 4 inches (102 mm) Mobile Credentials: Up to 15 feet (4.6 m)
Cabling	24 AWG minimum, multiconductor stranded with an overall foil shield
Interface	Wiegand (26-bit and custom formats) or OSDP
Operating Temperature	-31° F to 150° F (-35° C to +66° C)
Operating Humidity	0% to 90% relative humidity
Color Options	A black snap-on cover included standard
Audio Tone	Beeper included standard
Indoor & Outdoor Installation	Electronics sealed in weather- and tamper-resistant epoxy potting
Warranty	Limited lifetime warranty
LED	Four-state standard (red, green, amber, and off)
Keypad Output	Either Wiegand or OSDP
Technologies Supported	Pyramid + certain HID® 125-kHz Proximity protocols + certain AWID® 125-kHz Proximity protocols RCI Conekt.

NOTES:

Optimized for use with devices supporting BLE version 4.2 or newer. Spacer included standard for installations on metal. Depending on environment, additional spacing may be required. Carrying the ETL Label and tested by Intertek, conforms to UL Standard 294 and ULC Standard 60839-11-1. Only Wiegand models have been evaluated. Independently tested and verified by Intertek. Linear power supplies are recommended for best operation. For physical credentials, using PSC-1 Standard Light Proximity Card with 12 VDC at the reader. Other credentials may be less. For mobile credentials, read ranges are further subject to the type of smartphone, as well as the manner in which it is used, covers or external batteries affixed, as well as the installation, its environment and individual reader settings. Belden 9535 or Belden 9539 or similar, for all reader functions. Shielded, twisted pair (Belden 8723 or similar) for OSDP. Contact your access control system manufacturer for their specific requirements. 8-Bit Burst or 26-bit Wiegand standard. 8-Bit Burst or 26-bit Wiegand standard. Examples include PSC-1, PSI-4, PSM-2, PSK-3, PDT-1, ProxCard II®, ISOProx® II, ProxKey® II, CS Prox Card, GR (ISO) Graphics Quality Prox Card. RCI Conekt Mobile Access Credentials are intended to be supported by the current and preceding versions of Apple® iOS and standard compliant Google Android™ mobile operating software (OS) version OS5 and its successors. Custom OS variants may result in a loss of functionality. Revision 8 or newer includes technology support for Touchless Activation-enabled RCI Conekt Mobile Access Credentials.

Patent Pending

© 2022 dormakaba Inc. All rights reserved. Pyramid, Ranger & Conekt Series Proximity® are the registered U.S. trademarks of Farpointe Data, Inc. All other trademarks are the property of their respective owners.



dormakaba USA Inc.
6161 E. 75th St.
Indianapolis, IN 46250
800.523.8483
www.dormakaba.us

dormakaba Canada Inc.
7301 Decarie Blvd.,
Montreal QC H4P 2G7
888 539-7226

KAA1576 08-22